

## Special Issue

# RF/Microwave Circuit Design and Its Application

### Message from the Guest Editors

This Special Issue focuses on the design, development, and application of electronic circuits with respect to RF/microwave circuits and their applications. The aim is to create high-performance circuits that can meet the needs of high-frequency and high-speed circuits and their applications. This Special Issue highlights the latest advances and trends in RF/microwave integrated circuit design and its applications, including but not limited to:

- Specific circuit designs, such as low-noise amplifiers, filters, oscillators, antennas, etc.
- Applications in telecommunications, radar, interface circuits of sensors, or RF/microwave devices.
- Analog integrated circuit design and its application.

---

### Guest Editors

Dr. Zhiqiang Gao

School of Astronautics, Harbin Institute of Technology, Harbin 150001, China

Dr. Zhao Zhang

The State-Key Lab. of Superlattices and Microstructures, Institute of Semiconductors, Beijing 100083, China

---

### Deadline for manuscript submissions

30 September 2025



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/215812](https://mdpi.com/si/215812)

*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

[mdpi.com/journal/  
electronics](https://mdpi.com/journal/electronics)





# Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/journal/  
electronics](https://mdpi.com/journal/electronics)



## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

---

### Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /  
CiteScore - Q1 (Electrical and Electronic Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).